

Material Safety Data Sheet

SWC Pool Clear
QUICK IDENTIFIER
Common Name: (used on label and list) **AUG 21 1991**

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific requirements.

SECTION 1 -

Manufacturer's Name So-White Chemical Co., Inc.

Address 1075 Plover Road

City, State, and ZIP

Plover, WI 54467

Signature of Person Responsible for Preparation (Optional) [Signature]

Emergency Telephone No. 715-344-4861

Other Information Calls 715-344-4861

Date Prepared March 1, 1990

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
<u>NaOCl (Sodium Hypochlorite)</u>	<u>1ppm</u>	<u>3mg/m³</u>			<u>7681-52-9</u>

Formula: NaOCl, Sodium Hypochlorite by Weight 12.5%

DOT NO: 1791

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point <u>110°C</u>	Specific Gravity (H ₂ O=1) <u>1.20</u>	Vapor Pressure (mm Hg) <u>N/A</u>
Solubility in Water <u>Complete</u>	Reactivity in Water <u>None</u>	
Appearance and Odor <u>Odor - Pungent like chlorine</u>	Melting Point	
<u>Color - Light Yellow-Green</u>		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point <u>N/A</u>	Method Used <u>Nonflammable</u>	Flammable Limits in Air % by Volume LEL Lower <u>N/A</u>	UEL Upper <u>N/A</u>
Auto-Ignition Temperature <u>N/A</u>	Extinguisher Media <u>Water</u>		

Special Fire Fighting Procedures Avoid fumes from spilled or exposed liquid, dilute copiously, ventilate, and be prepared to use respiratory protection if needed.

Unusual Fire and Explosion Hazards Bleach decomposes when heated; decomposition products may cause containers to rupture or explode. Vigorous reaction possible with organic materials or oxidizing agents; may result in fire.

SECTION 5- PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Conditions Stable to Avoid Light exposure. decrease in pH, contamination
Incompatibility (Materials to Avoid) Avoid contamination with heavy metals, ammonia, acids, organics, reducing agents.

Hazardous Decomposition Products HOC1: Chlorine gas, NaCl, Sodium Chlorite, Oxygen gas
Hazardous Polymerization May Occur Conditions Will Not Occur to Avoid Avoid organic materials or oxidizing agents
May result in fire.

SECTION 6 - HEALTH HAZARDS

1. Acute Irritating effects increase w/ 2. Chronic Constant irritant to eyes and throat
Signs and Symptoms of Exposure exposure time Eyes red and sore; burning sensation on skin.

Medical Conditions Generally Aggravated by Exposure Respiratory problems

Chemical Listed as Carcinogen or Potential Carcinogen N/A National Toxicology Program Yes No I.A.R.C. Monographs Yes No OSHA Yes No

Emergency and First Aid Procedures Remove from contaminated area; flush effected area with copious amounts of water. Ingestion - Drink water or milk, call physician immedia.

ROUTES OF ENTRY 1. Inhalation Remove person to fresh air.
2. Eyes Flush with water for 15 mins. contact a physician.
3. Skin Rinse off with copios quantities of water.
4. Ingestion Drink water, milk and obtain medical attention.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage STORE IN COOL DRY PLACE, AWAY FROM DIRECT SUNLIGHT, AND NOT ADJACENT TO CHEMICALS WHICH MAY REACT WITH BLEACH IF SPILLAGE OCCURS.
Other Precautions AS STATED ON LABELS, IF SHIPPED MUST COMPLY WITH DOT.

Steps to be Taken in Case Material is Released or Spilled Dilute with copious amounts of water, if not diluted may seriously effect aquatic life.

Waste Disposal Methods (Consult federal, state, and local regulations) Reduce with chemicals (bisulfites or ferrous salts)
Main end product is salt water. Some heat will be produced.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) Chlorine rated gas mask if used in large quantites in closed location
Ventilation Local Exhaust None with normal usage Mechanical (General) None with normal usage Special N/A Other N/A
Protective Gloves Rubber or latex Eye Protection Goggles or face shield
Other Protective Clothing or Equipment Rubber apron or rubber shoes if spillage occurs Safety shower/eye wash
Work/Hygienic Practices Keep areas and floors clean.

IMPORTANT Do not leave any blank spaces. If required information is unavallable, unknown, or does not apply, so indicate.